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Approved For Release 2001/07/24 : CIA-RDP68B00724R000100230029-5


25X1A

 9044-69
Copy 1 of 1

MEMORANDUM FOR: (See Distribution)


SUBJECT: U-2R Summary Report

The attachment summarizes a cross-section of the maintenance data collected, as of 30 September 1969, on the U-2R Weapon System.


Deputy for Materiel, OSA

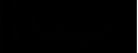
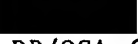
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Attachment: a/s

D/M/OSA,  (7 November 1969)

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- #8 - MD/M/OSA (Chrono)
- #9 -  (w/att)
- #10 -  (w/att)
- #11 - RB/OSA (w/att)

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ATTACHMENT TO
[REDACTED] 9044-69

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U-2R

SUMMARY REPORT

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S U M M A R Y

The Reliability Data contained in this report has as its source the Aircraft Flight Maintenance Data Collection System. This system was developed by the Maintenance Division, Deputy for Materiel, and is an effective means of monitoring the performance of the U-2R Weapons System.

Aircraft system discrepancies directly observed by the pilot are reported in the Aircraft Flight Maintenance Report (AFMR) upon landing. In the areas which are considered non-pilot determinable, [REDACTED] reporting procedures have been modified to allow a 48 hour elapsed time period after flight to insure a complete post mission analysis. The Maintenance Data Collection System is being expanded to include data pertaining to the reliability of the [REDACTED]

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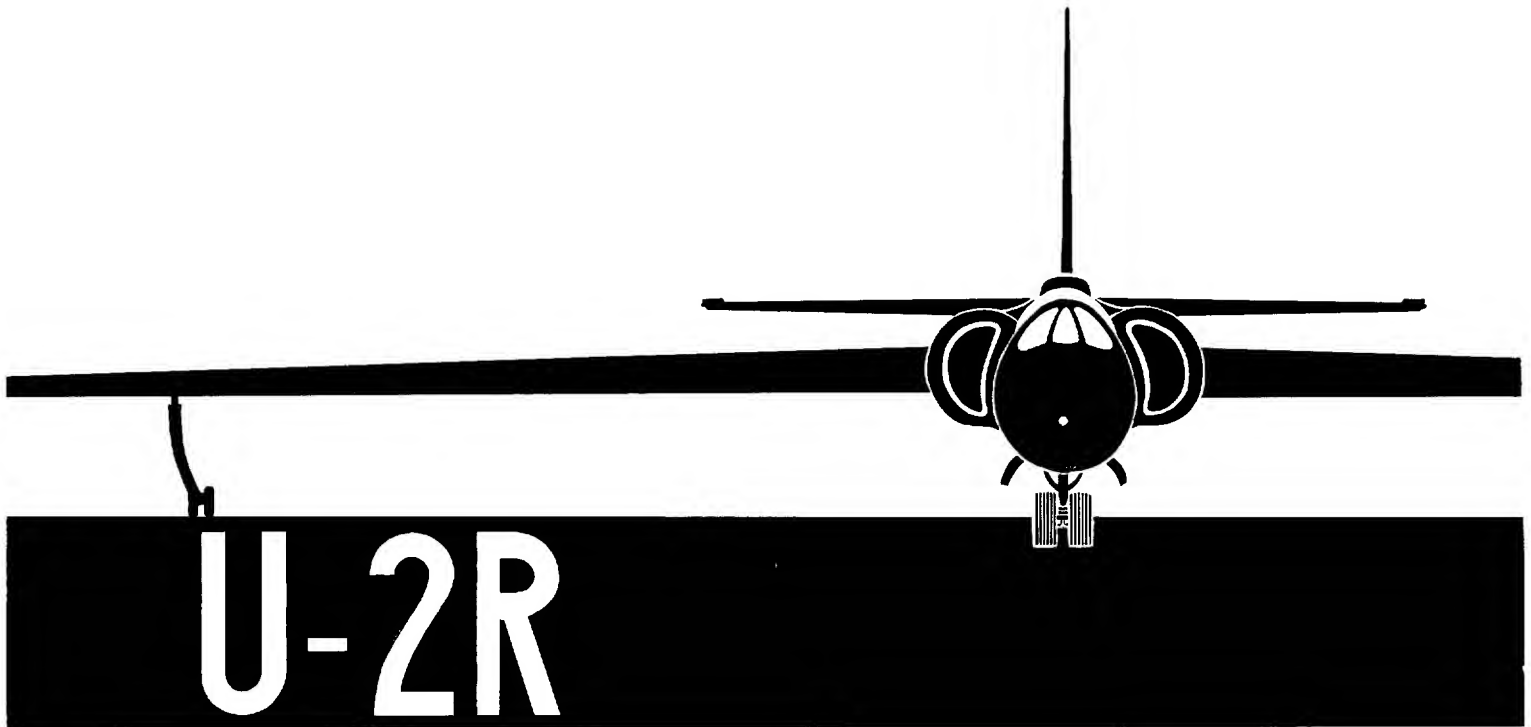
T A B L E O F C O N T E N T S

- U-2R BASIC DATA SHEET
- AIRCRAFT DELIVERY HISTORY
- AIRCRAFT FLYING HISTORY THRU SEPT 1969
- AIRCRAFT SORTIE EFFECTIVENESS
 - ATTEMPTS VS. SUCCESSFUL SORTIES
- AIRCRAFT SYSTEM PERFORMANCE
- MAJOR DISCREPANCIES BY AIRCRAFT
- SUCCESSFUL SORTIES WITH MINOR/NO DISCREPANCIES REPORTED
- MINOR DISCREPANCIES BY SYSTEM
- MINOR DISCREPANCIES BY AIRCRAFT

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AIRFRAME DATA

LENGTH:

63 FT-1 IN

WING SPAN:

103 FT-4 IN

HGT-VERT STAB:

16 FT-2 IN

ZERO FUEL WT:

18,700 LBS

DESIGN GROSS WT.

31,334 LBS

O/LOAD GROSS WT:

37,900 LBS

FUEL WT:

19,175 LBS (2950 GAL)

ENGINE DATA

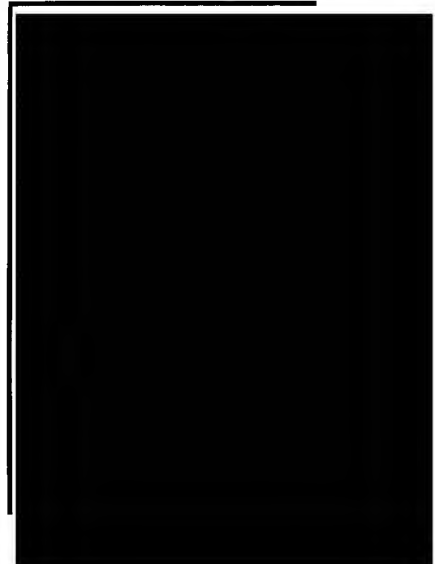
POWERPLANT:

15-STAGE J75P-13
NON-AFTERBURNING
ENGINE

THRUST:

17,000 LBS

PERFORMANCE



ALTITUDE AND RANGE FIGURES
BASED ON 100 GAL FUEL RESERVE
AT HI CONE

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AIRCRAFT DELIVERY HISTORY •

- ROLL OUT - Date all assembly operations were completed on Article - This marked the beginning of the final inspection and systems ground check phase.
- FIRST FLIGHT - Date Article made its first in a series of functional check flights.
- ACCEPTANCE DATE - Date Article was accepted by the operating command.

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AIRCRAFT DELIVERY HISTORY

ACFT NBR	1967						1968												1969	
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
051		○ ■	● 9/28/67																	
053							○	■			● 4/29/68									
054								○	■			● 6/14/68								
055									○		■ ● 5/29/68									
057													○ ■	● 8/29/68						
058														○ ■	● 9/5/68					

○ ROLL OUT

■ FIRST FLT



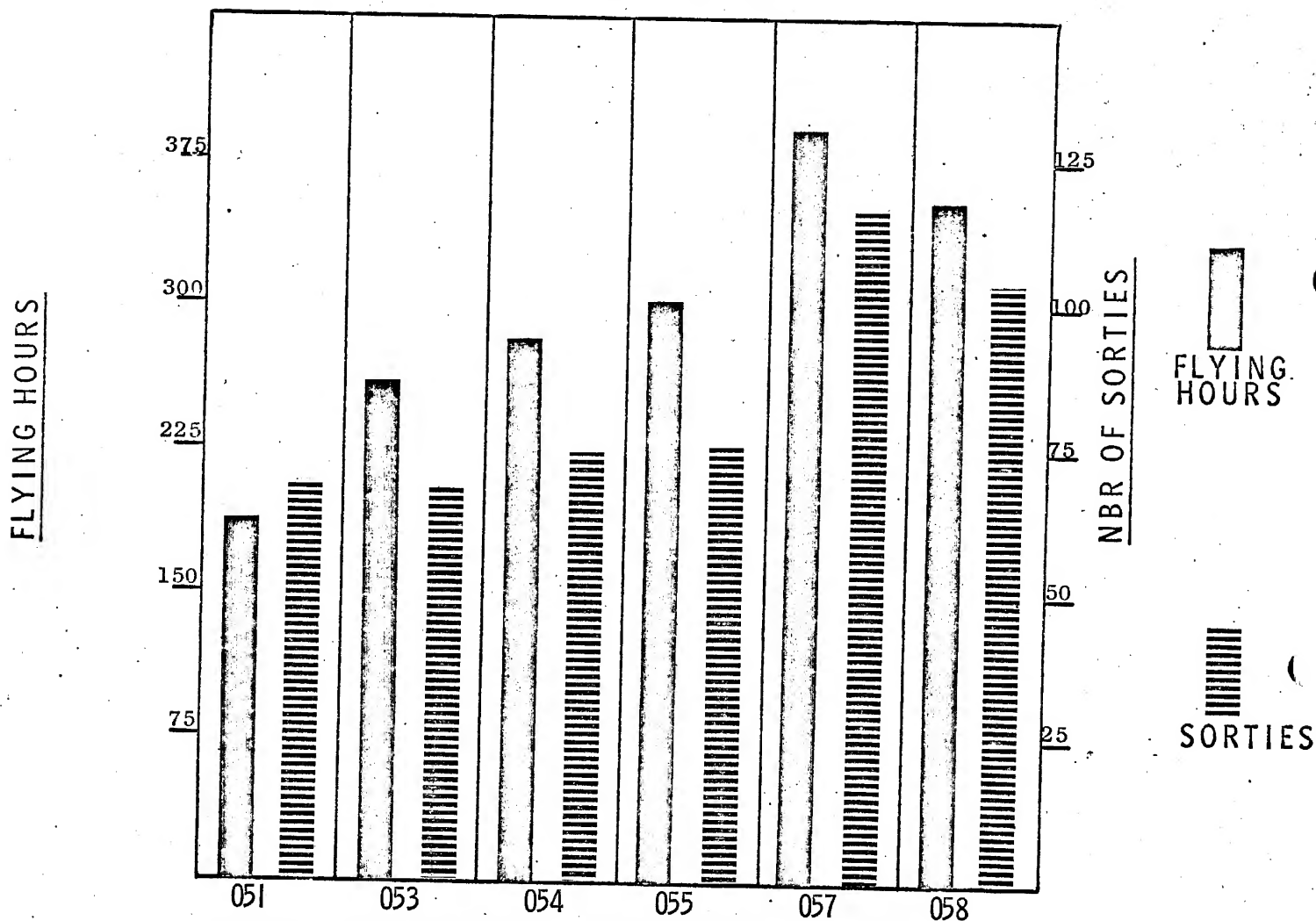
● ACCEPTANCE

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U-2R FLYING HOURS VS SORTIES

JAN THRU SEP 69



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U-2R FLYING/SORTIE RECORD

a/o 30 SEP 69

AIRCRAFT	TOTAL THRU 68	1969												TOTAL YR TO DATE	GRAND TOTAL
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
051	308.3	1.1	8.1	20.2	13.3	11.8	24.2	49.4	30.2	23.3				181.6	489.9
	95	1	3	9	5	6	8	10	11	8				61	156
053	195.6	33.7	5.0	26.0	66.3	13.5	28.3	29.8	26.0	22.8				251.4	447.0
	68	10	1	5	10	3	6	7	9	8				59	127
054	189.6	17.4	35.0	43.1	52.9	34.5	5.8	34.2	33.1	25.3				281.3	470.9
	61	5	9	9	12	8	2	11	8	8				72	133
055	156.6	52.4	53.9	47.5	17.4	40.9	28.7	12.3	32.0	16.7				301.8	458.4
	56	13	10	11	6	8	6	3	11	5				73	129
057	159.1	46.5	34.3	45.8	36.0	58.4	53.7	57.0	25.0	37.9				394.6	553.7
	35	10	10	16	10	15	17	20	9	11				118	153
058	120.8	45.0	44.4	37.5	46.5	18.8	41.9	29.4	62.7	24.5				350.7	471.5
	38	6	11	10	16	7	15	13	18	11				107	145
TOTAL	1130.0	196.1	180.7	220.1	232.4	177.9	182.6	212.1	209.0	150.5				1761.4	2891.4
	353	45	44	60	59	47	54	64	66	51				490	843

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